

FACILITY
ORDER NUMBER

MONTHLY eSMR SUMMARY

Expected Requirements:

M-001

Chlorine, Total Residual	1 / Day	mg/L
pH	1 / Day	SU
Settleable Solids	1 / Day	ml/L
Temperature	1 / Day	Degrees F
Total Coliform	1 / Day	CFU/100 mL
Total Suspended Solids (TSS)	1 / Day	mg/L
Total Suspended Solids (TSS)	1 / Day	lb/day
Turbidity	1 / Day	NTU
Flow	1 / Day	MGD
1,4-Dichlorobenzene	1 / Month	ug/L
Acrylonitrile	1 / Month	ug/L
Ammonia, Total (as N)	1 / Month	mg/L
Ammonia, Total (as N)	1 / Month	lb/day
Antimony, Total Recoverable	1 / Month	lb/day
Antimony, Total Recoverable	1 / Month	ug/L
Arsenic, Total Recoverable	1 / Month	ug/L
Arsenic, Total Recoverable	1 / Month	lb/day
Bis (2-Ethylhexyl) Phthalate	1 / Month	mg/L
BOD5 @ 20 Deg. C, Percent Removal	1 / Month	%
Boron, Total Recoverable	1 / Month	mg/L
Boron, Total Recoverable	1 / Month	lb/day
Chloride	1 / Month	mg/L
Chronic Toxicity	1 / Month	TUc
Cobalt Thiocyanate Active Substances (CTAS)	1 / Month	mg/L
Cyanide, Total (as CN)	1 / Month	ug/L
Dissolved Oxygen	1 / Month	mg/L
Fluoride, Total	1 / Month	lb/day
Fluoride, Total	1 / Month	mg/L
gamma-BHC	1 / Month	ug/L
gamma-BHC	1 / Month	lb/day
Hardness, Total (as CaCO3)	1 / Month	mg/L
Mercury, Total Recoverable	1 / Month	ug/L
Methylene Blue Active Substances (MBAS)	1 / Month	mg/L
Methylene Blue Active Substances (MBAS)	1 / Month	lb/day
Nickel, Total Recoverable	1 / Month	ug/L
Nickel, Total Recoverable	1 / Month	lb/day
Nitrate, Total (as N)	1 / Month	mg/L
Nitrite Plus Nitrate (as N)	1 / Month	mg/L
Nitrite, Total (as N)	1 / Month	lb/day
Nitrite, Total (as N)	1 / Month	mg/L
Nitrogen, Total (as N)	1 / Month	mg/L
Nitrogen, Total Organic (as N)	1 / Month	mg/L

Oil and Grease	1 / Month mg/L
Oil and Grease	1 / Month lb/day
Selenium, Total Recoverable	1 / Month ug/L
Selenium, Total Recoverable	1 / Month lb/day
Sulfate, Total (as SO4)	1 / Month lb/day
Sulfate, Total (as SO4)	1 / Month mg/L
Tetrachloroethylene	1 / Month mg/L
Total Dissolved Solids (TDS)	1 / Month lb/day
Total Dissolved Solids (TDS)	1 / Month mg/L
Total Suspended Solids (TSS), Percent Removal	1 / Month %
Zinc, Total Recoverable	1 / Month ug/L
Zinc, Total Recoverable	1 / Month lb/day
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week lb/day
E.coli	1 / Week MPN/100 mL

M-INF

Flow	1 / Day MGD
pH	1 / Week SU
Total Suspended Solids (TSS)	1 / Week mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week mg/L

R-C

Chlorine, Total Residual	1 / Week mg/L
Dissolved Oxygen	1 / Week mg/L
E.coli	1 / Week MPN/100 mL
Fecal Coliform	1 / Week CFU/100 mL
Flow	1 / Week cfs
pH	1 / Week SU
Temperature	1 / Week Degrees F
Total Coliform	1 / Week CFU/100 mL
1,4-Dichlorobenzene	1 / Month ug/L
Acrylonitrile	1 / Month ug/L
Ammonia, Total (as N)	1 / Month mg/L
Antimony, Total Recoverable	1 / Month ug/L
Arsenic, Total Recoverable	1 / Month ug/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Month mg/L
Bis (2-Ethylhexyl) Phthalate	1 / Month ug/L
Boron, Total Recoverable	1 / Month mg/L
Chloride	1 / Month mg/L
Chlorophyll a	1 / Month mg/L
Cobalt Thiocyanate Active Substances (CTAS)	1 / Month mg/L
Cyanide, Total (as CN)	1 / Month ug/L
Electrical Conductivity @ 25 Deg. C	1 / Month umhos/cm
Fluoride, Total	1 / Month mg/L
gamma-BHC	1 / Month ug/L
Hardness, Total (as CaCO3)	1 / Month mg/L
Mercury, Total Recoverable	1 / Month ug/L
Methylene Blue Active Substances (MBAS)	1 / Month mg/L
Nickel, Total Recoverable	1 / Month ug/L

Nitrate, Total (as N)	1 / Month mg/L
Nitrite, Total (as N)	1 / Month mg/L
Nitrogen, Total (as N)	1 / Month mg/L
Nitrogen, Total Organic (as N)	1 / Month mg/L
Oil and Grease	1 / Month mg/L
Orthophosphate, Total (as P)	1 / Month mg/L
Phosphorus, Total (as P)	1 / Month mg/L
Selenium, Total Recoverable	1 / Month ug/L
Settleable Solids	1 / Month ml/L
Sulfate, Total (as SO ₄)	1 / Month mg/L
Total Dissolved Solids (TDS)	1 / Month mg/L
Total Suspended Solids (TSS)	1 / Month mg/L
Zinc, Total Recoverable	1 / Month ug/L
Turbidity	1 / Month NTU

R-D

Chlorine, Total Residual	1 / Week mg/L
Dissolved Oxygen	1 / Week mg/L
E.coli	1 / Week MPN/100 mL
Fecal Coliform	1 / Week CFU/100 mL
Flow	1 / Week cfs
pH	1 / Week SU
Temperature	1 / Week Degrees F
Total Coliform	1 / Week CFU/100 mL
1,4-Dichlorobenzene	1 / Month ug/L
Acrylonitrile	1 / Month ug/L
Ammonia, Total (as N)	1 / Month mg/L
Antimony, Total Recoverable	1 / Month ug/L
Arsenic, Total Recoverable	1 / Month ug/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Month mg/L
Bis (2-Ethylhexyl) Phthalate	1 / Month ug/L
Boron, Total Recoverable	1 / Month mg/L
Chloride	1 / Month mg/L
Chlorophyll a	1 / Month mg/L
Cobalt Thiocyanate Active Substances (CTAS)	1 / Month mg/L
Cyanide, Total (as CN)	1 / Month ug/L
Electrical Conductivity @ 25 Deg. C	1 / Month umhos/cm
Fluoride, Total	1 / Month mg/L
gamma-BHC	1 / Month ug/L
Hardness, Total (as CaCO ₃)	1 / Month mg/L
Mercury, Total Recoverable	1 / Month ug/L
Methylene Blue Active Substances (MBAS)	1 / Month mg/L
Nickel, Total Recoverable	1 / Month ug/L
Nitrate, Total (as N)	1 / Month mg/L
Nitrite, Total (as N)	1 / Month mg/L
Nitrogen, Total (as N)	1 / Month mg/L
Nitrogen, Total Organic (as N)	1 / Month mg/L
Oil and Grease	1 / Month mg/L
Orthophosphate, Total (as P)	1 / Month mg/L
Phosphorus, Total (as P)	1 / Month mg/L

Selenium, Total Recoverable	1 / Month ug/L
Settleable Solids	1 / Month ml/L
Sulfate, Total (as SO ₄)	1 / Month mg/L
Total Dissolved Solids (TDS)	1 / Month mg/L
Total Suspended Solids (TSS)	1 / Month mg/L
Zinc, Total Recoverable	1 / Month ug/L
Turbidity	1 / Month NTU

R-E

Chlorine, Total Residual	1 / Week mg/L
Dissolved Oxygen	1 / Week mg/L
E.coli	1 / Week MPN/100 mL
Fecal Coliform	1 / Week CFU/100 mL
Flow	1 / Week cfs
pH	1 / Week SU
Temperature	1 / Week Degrees F
Total Coliform	1 / Week CFU/100 mL
1,4-Dichlorobenzene	1 / Month ug/L
Acrylonitrile	1 / Month ug/L
Ammonia, Total (as N)	1 / Month mg/L
Antimony, Total Recoverable	1 / Month ug/L
Arsenic, Total Recoverable	1 / Month ug/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Month mg/L
Bis (2-Ethylhexyl) Phthalate	1 / Month ug/L
Boron, Total Recoverable	1 / Month mg/L
Chloride	1 / Month mg/L
Chlorophyll a	1 / Month mg/L
Cobalt Thiocyanate Active Substances (CTAS)	1 / Month mg/L
Cyanide, Total (as CN)	1 / Month ug/L
Electrical Conductivity @ 25 Deg. C	1 / Month umhos/cm
Fluoride, Total	1 / Month mg/L
gamma-BHC	1 / Month ug/L
Hardness, Total (as CaCO ₃)	1 / Month mg/L
Mercury, Total Recoverable	1 / Month ug/L
Methylene Blue Active Substances (MBAS)	1 / Month mg/L
Nickel, Total Recoverable	1 / Month ug/L
Nitrate, Total (as N)	1 / Month mg/L
Nitrite, Total (as N)	1 / Month mg/L
Nitrogen, Total (as N)	1 / Month mg/L
Nitrogen, Total Organic (as N)	1 / Month mg/L
Oil and Grease	1 / Month mg/L
Orthophosphate, Total (as P)	1 / Month mg/L
Phosphorus, Total (as P)	1 / Month mg/L
Selenium, Total Recoverable	1 / Month ug/L
Settleable Solids	1 / Month ml/L
Sulfate, Total (as SO ₄)	1 / Month mg/L
Total Dissolved Solids (TDS)	1 / Month mg/L
Total Suspended Solids (TSS)	1 / Month mg/L
Zinc, Total Recoverable	1 / Month ug/L
Turbidity	1 / Month NTU

Using Narratives Tab:

M-001: Turbidity: The turbidity in the effluent shall not exceed a daily average of 2 NTU. (Final requirement effective null - null)[All year]

M-001: Turbidity: The turbidity in the effluent shall not exceed 5 NTUs more than 5 percent of the time (72 minutes) during any 24-hour period. (Final requirement effective null - null)[All year]

M-001: Chlorine, Total Residual: The maximum daily total residual chlorine concentration shall not exceed 0.1 mg/L except when excursions up to 0.3 mg/L at the point in treatment train immediately following dechlorination, do not exceed 15 minutes during any 24-hour period and peaks in exceed of 0.3 mg/L last less than one minute. (Final requirement effective null - null)[All year]

M-001: Total Coliform: The median number of coliform organisms shall not exceed 2.2 per 100 mL, determined from the results of the last 7 days of analyses. (Final requirement effective null - null)[All year]

M-001: Total Coliform: The number of coliform organisms shall not exceed 23 per 100 mL in more than one samle within any 30-day period. (Final requirement effective null - null)[All year]

M-001: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-3 (Attachment H). (Final requirement effective null - null)[All year]

M-001: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-1 (Attachment H). (Final requirement effective null - null)[All year]

M-001: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-3 (Attachment H) in lbs/day. (Final requirement effective null - null)[All year]

M-001: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-1 (Attachment H) in lbs/day. (Final requirement effective null - null)[All year]

M-001: Fecal Coliform: If the total coliform limit is exceeded, the Discharger must submit monitoring results for fecal coliform as an attachment. (Final requirement effective null - null)[All year]

M-001: Chloride: The chloride shall not exceed the sum of the State Water Project treated water supply chloride concentration plus 134 mg/L, not to exceed a daily maximum of 230 mg/L. (Interim requirement effective null - 2008-10-09)[All year]

M-002: Turbidity: The turbidity in the effluent shall not exceed a daily average of 2 NTU. (Final requirement effective null - null)[All year]

M-002: Turbidity: The turbidity in the effluent shall not exceed 5 NTUs more than 5 percent of the time (72 minutes) during any 24-hour period. (Final requirement effective null - null)[All year]

M-002: Chlorine, Total Residual: The maximum daily total residual chlorine concentration shall not exceed 0.1 mg/L except when excursions up to 0.3 mg/L at the point in treatment train immediately following dechlorination, do not exceed 15 minutes during any 24-hour period and peaks in exceed of 0.3 mg/L last less than one minute. (Final requirement effective null - null)[All year]

M-002: Total Coliform: The median number of coliform organisms shall not exceed 2.2 per 100 mL, determined from the results of the last 7 days of analyses. (Final requirement effective null - null)[All year]

M-002: Total Coliform: The number of coliform organisms shall not exceed 23 per 100 mL in more than one sample within any 30-day period. (Final requirement effective null - null)[All year]

M-002: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-3 (Attachment H). (Final requirement effective null - null)[All year]

M-002: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-1 (Attachment H). (Final requirement effective null - null)[All year]

M-002: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-3 (Attachment H) in lbs/day. (Final requirement effective null - null)[All year]

M-002: Ammonia Nitrogen, Total (as N): The discharger must comply with the updated ammonia water quality objectives in the Basin Plan, Table 3-1 (Attachment H) in lbs/day. (Final requirement effective null - null)[All year]

M-002: Radioactivity: Radioactivity of the wastes discharged shall not exceed the limits specified in Title 22, Chapter 15, Article 5, Section 64443, CCR, or subsequent revisions. (Final requirement effective null - null)[All year]

M-002: Fecal Coliform: If the total coliform limit is exceeded, the Discharger must submit monitoring results for fecal coliform as an attachment. (Final requirement effective null - null)[All year]

M-002: Chronic Toxicity: If toxicity is detected as defined in Sections 1.D.1.A, 1.D.2.B, or I.D.3.a of the permit, then the Discharger shall begin to conduct six additional tests, approximately every 7 days, over a six week period. (Final requirement effective null - null)[All year]

M-002: Acute Toxicity: The average survival in the effluent for any three consecutive 96-hour static or continuous bioassay tests shall be at least 90%. (Final requirement effective null - null)[All year]

M-002: Acute Toxicity: If either acute toxicity limit is exceeded, then the Discharger shall begin accelerated monitoring in accordance with section VI.4.A in the

Monitoring and Reporting Program. (Final requirement effective null - null)[All year]

M-002: Radioactivity: If gross alpha activity exceeds 5 pCi/L in any sample, measurement of radium 226 shall be made; if radium 226 exceeds 3 pCi/L, measurement of radium 228 shall be made. If gross beta activity exceeds 50 pCi/L in any sample, an analysis of the sample shall be performed to identify the major constituents present and compliance with Title 17, Section 30269 shall also be demonstrated. (Final requirement effective null - null)[All year]

Using Raw Data Tab:

M-001

Cobalt Thiocyanate Active Substances (CTAS) 1 / Month mg/L

R-C

Cobalt Thiocyanate Active Substances (CTAS) 1 / Month mg/L

R-D

Cobalt Thiocyanate Active Substances (CTAS) 1 / Month mg/L

R-E

Cobalt Thiocyanate Active Substances (CTAS) 1 / Month mg/L